

## Project Update

for the

## Community Liaison Group

Meeting 4 – Tuesday 13 August 2013

# Agenda

- Welcome and introductions
- Project background
- Causeway Upgrade Progress update
- Urban Design and Landscape Plan
- Rosebank Boardwalk alternative design
- Environmental monitoring and tree assessment
- Find out more, and Causeway News
- Discussion

# Western Ring Route – SH 16



Note: Location of dashed boundary lines are indicative only.



# Waterview to Te Atatu

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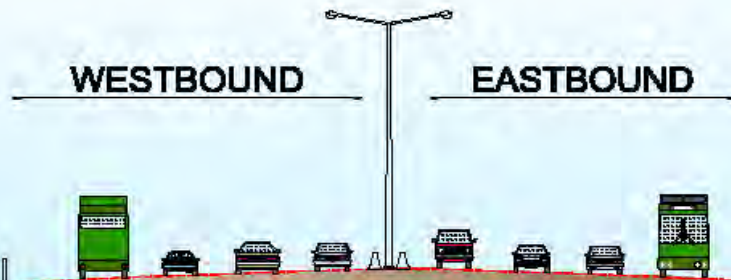




# Programme recap

- Causeway Alliance of the NZ Transport Agency, AECOM, Coffey, Fulton Hogan, Leighton Contractors and Sinclair Knight Merz are delivering the project for the Transport Agency
- August 2013 - Causeway construction continues
  - Te Atatu Interchange tendering in process
- Early 2014 - Te Atatu Interchange works start
- Late 2016 - both projects due to be completed
- Early 2017 - Waterview tunnels open

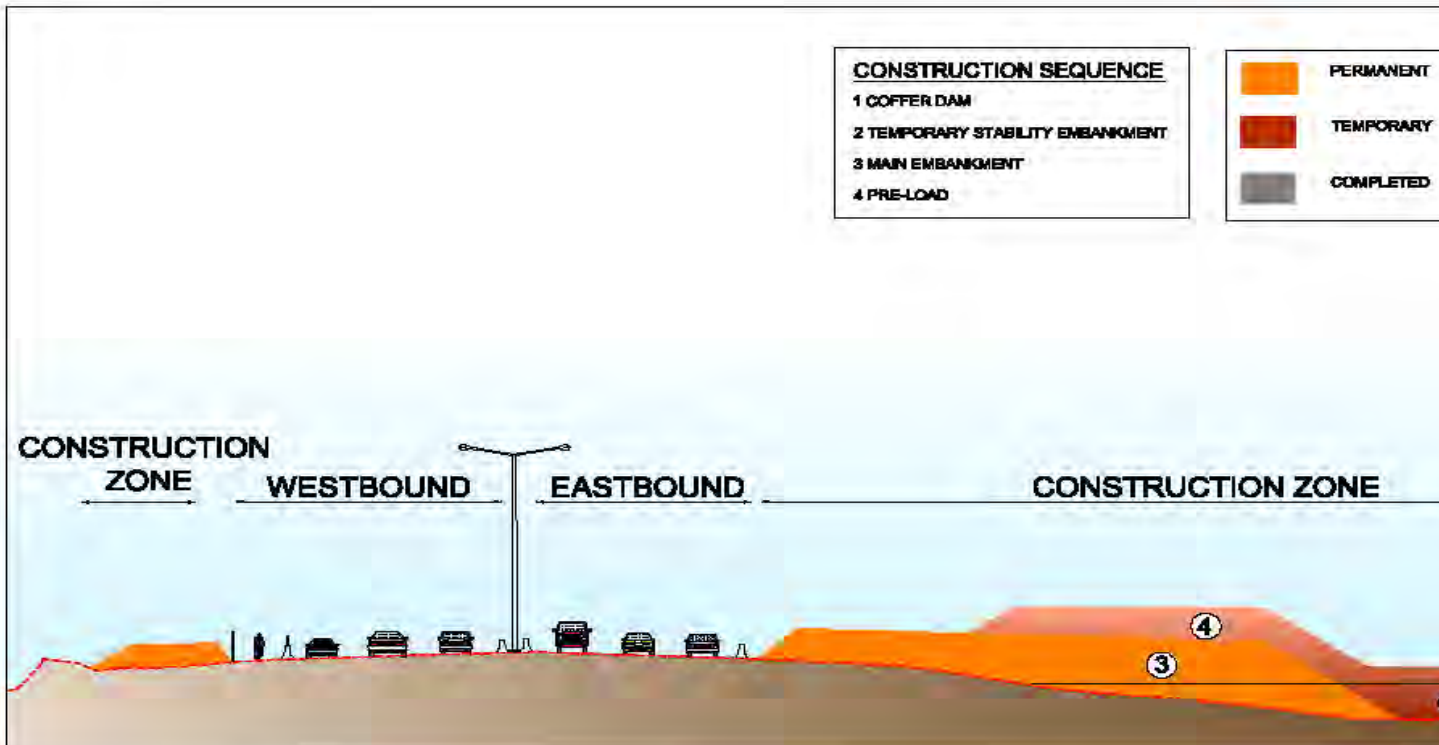
# Existing Causeway



**EXISTING CAUSEWAY CONFIGURATION**

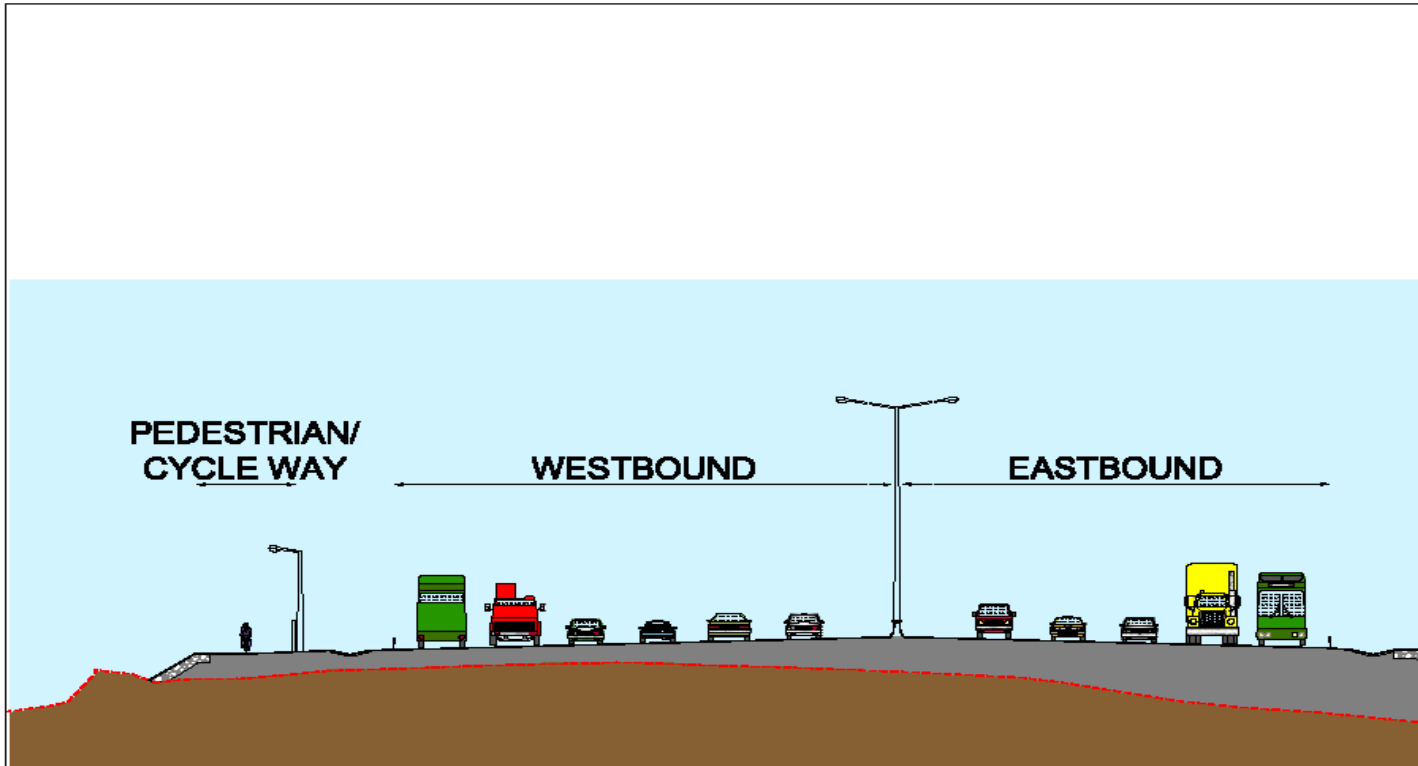
# Causeway improvements

(progressively from 0 months to - /+ 2 years)



PHASE 1 CONSTRUCTION: REDUCE TRAFFIC SPEED AND NARROW LANES, EASTBOUND EMBANKMENT AND NEW PEDESTRIAN/CYCLE WAY

# Causeway – final layout



**FINAL CAUSEWAY CONFIGURATION: COMPLETE MEDIAN, FINAL PAVEMENT A**



# Progress update

- Construction progressing in sequences
- Design almost complete, final reviews and approvals progressing
- Working closely with Waterview Connection team at Great North Rd
- Te Atatu site office and yard working well



# Alwyn Avenue – site clearance

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# Whau bridge – site clearance

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# Traherne Island- working platform

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# Traherne Island- wick drains start

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# Great North Road – widening





# Next area start dates in 2013

- Alwyn Ave – earthworks for access track down to Whau bridge (Aug-Oct)
- Whau bridge – ground improvements at eastern end (Aug) and temporary construction staging (Sept-Oct)
- North Traherne Island/Causeway – clearance, working platform continues progressing east, install wick drains
- Great North Rd (westbound) – site clearing continues, widen onramp, progressing west across Causeway
- Establish Rosebank Domain - access continuing
- South Traherne Island - clearance and working platform (Aug-Sept)

# Urban Design and Landscape Plan

- Purpose of the UDLP
- UDLP includes:
  - Design principles / colours and materials
  - Bridges and structures
  - Landscaping / land-use reinstatement
  - Shared path (pedestrian and cycle facilities)
  - Roadscape elements
  - Maintenance considerations

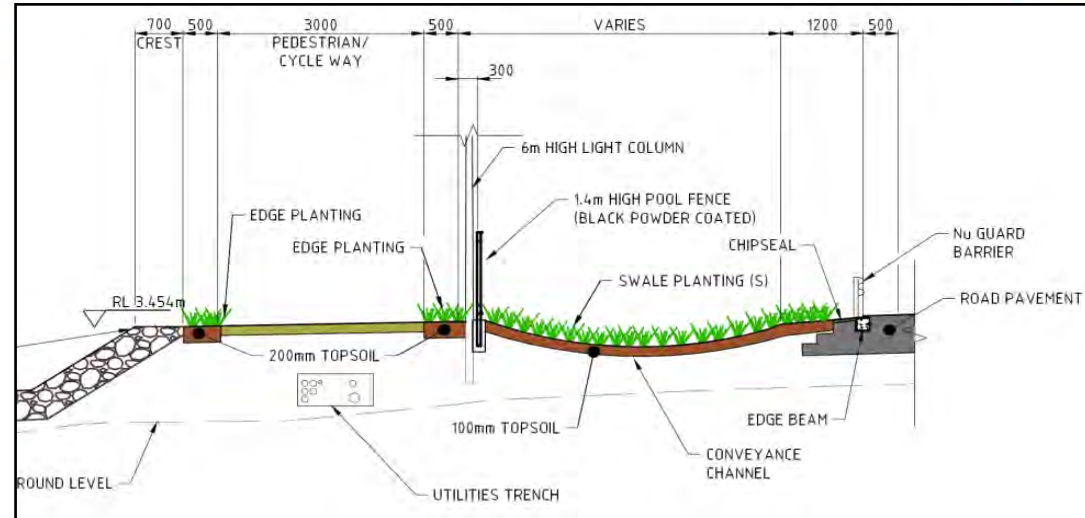
# Colours and materials





# Planting and trees

- Coastal experience - native coastal species
- Eco-sourced from Tamaki Ecological District
- Appropriate ecotypes
- Reference to existing vegetation
- Pohutukawa at gateway locations



# Planting and Trees





# Planting and trees

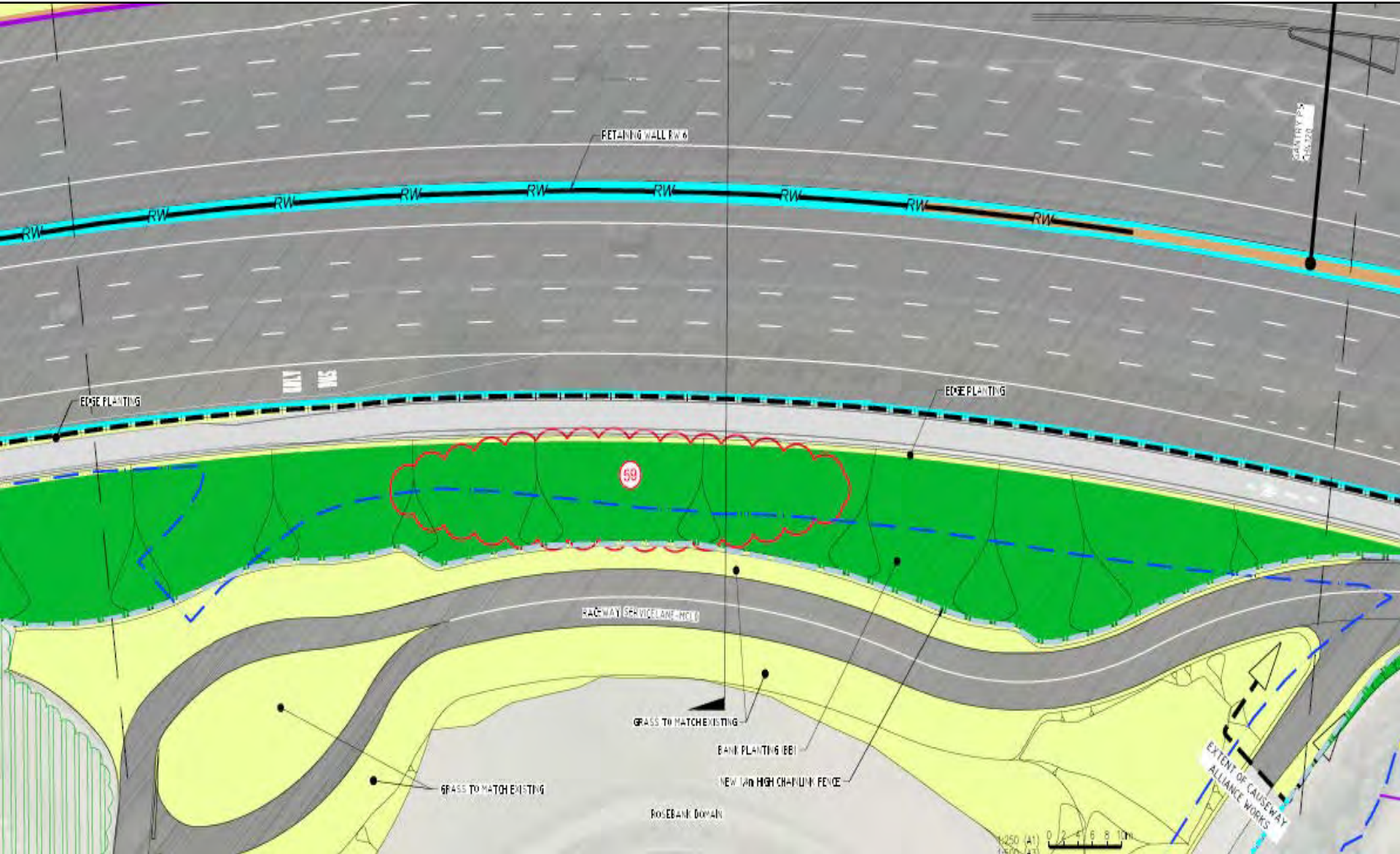


# Rosebank Park Domain access road

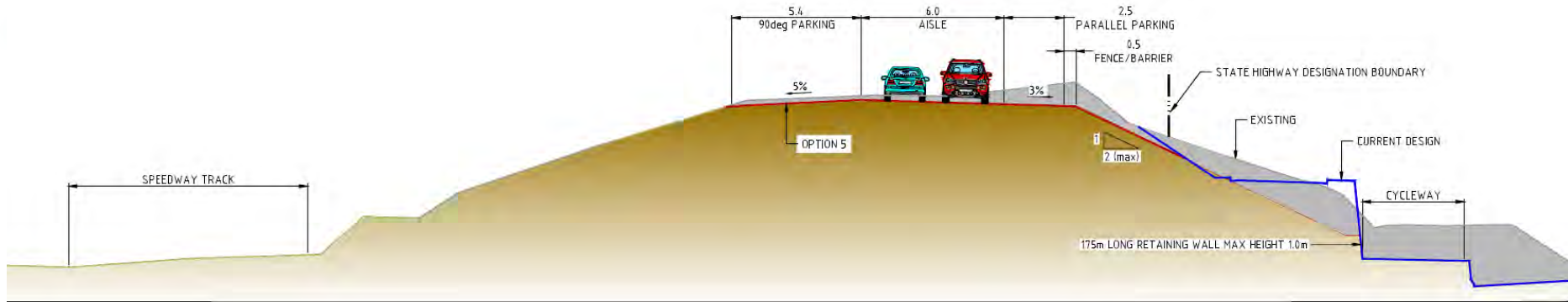
- Design refinements to the approved Domain access road works
  - Retaining wall adjacent to SH16 and shared path has been replaced by an earthworks batter
  - Changes to internal Domain access road
- Approval obtained from Whau Local Board
- Motorsport clubs supportive of works
- Resource consent applications will be lodged with Council



# Rosebank Domain access road



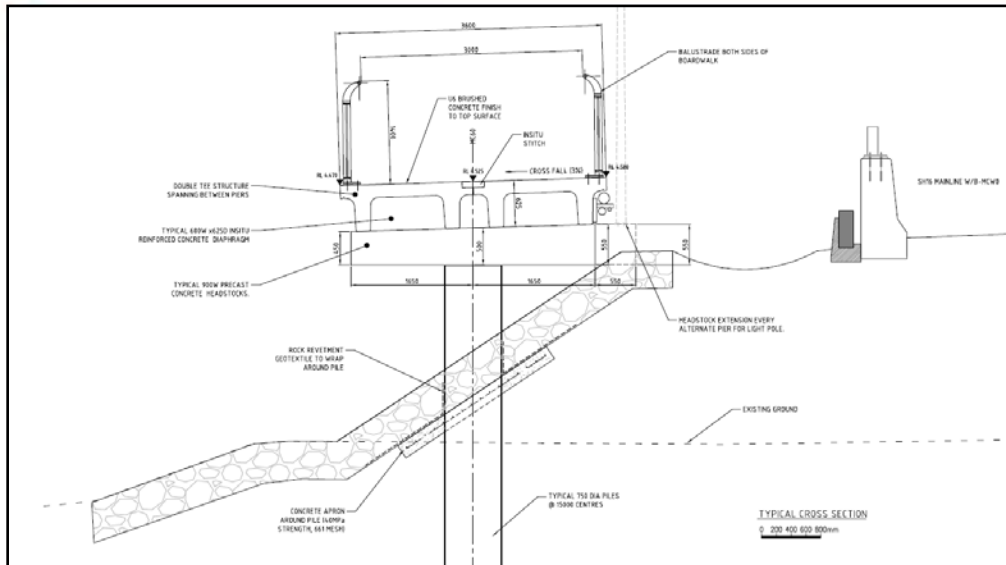
# Rosebank Domain access road



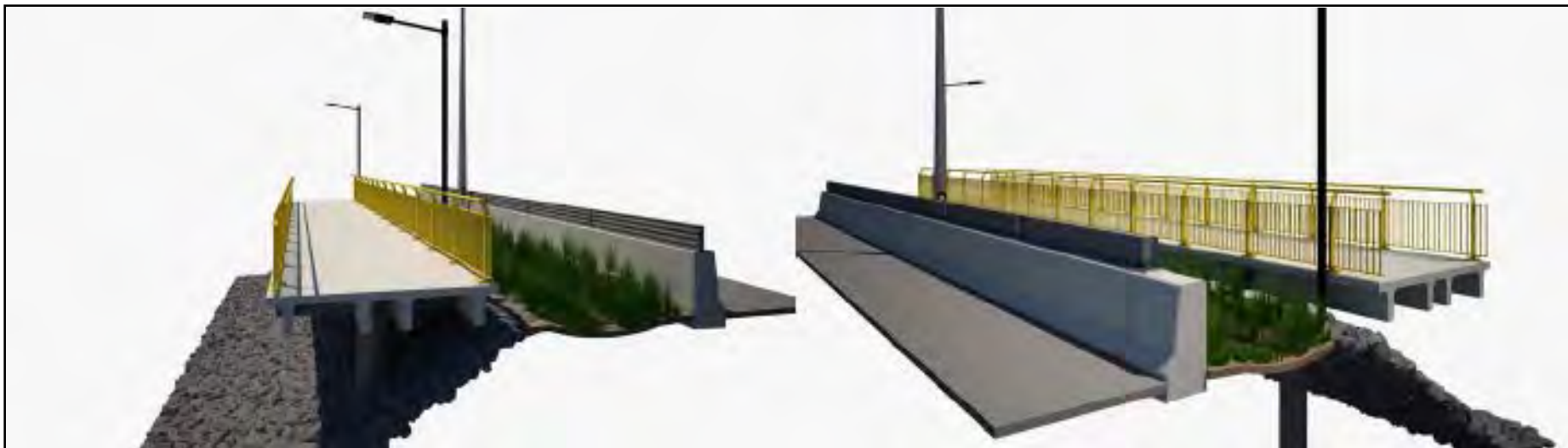
Proposed embankment planting



# Oakley Boardwalk



- 280m long concrete structure
- 3m wide between handrails
- Two-way cycle and pedestrian movement
- 1.5m high noise wall



# Rosebank Boardwalk



Existing timber boardwalk



Current design – new boardwalk



# Alternative Design – fill embankment





# Alternative Design – fill embankment





# Alternative Design – fill embankment

Benefits compared to a 3m wide timber boardwalk:

- Improved amenity and user experience from consistent width
- Improved sightlines for users with no balustrades
- Continuation of asphalt surface along path
- Constructability benefits – no temporary embankment for piling works in marine area (which is later removed)
- “Whole of life” solution - better design life and reduced maintenance requirements

# Alternative Design - next steps

- Obtain feedback on the alternative design
- Changes to statutory approvals:
  - Coastal consents
  - Marine Reserves Act Authority
- Lodge applications with Auckland Council (consent changes) and the Department of Conservation (Marine Reserves Act Authority changes)



# Environmental monitoring - overview

- Broad range of experts review construction activities
- Pre-clearance and ongoing inspections for lizards, vegetation, trees and archaeology
- Stormwater, erosion/sediment control, coastal area protection established before works begin and regular inspections
- Ongoing monitoring of earthworks compliance, contaminated soils, noise, air quality, marine ecology and birds
- Monitoring results to be issued to CLG

# Bird monitoring and management

- Monthly bird monitoring results of high tide roost at Harbourview-Orangihina (Te Atatu Pony Club), counting 12 different types birds:

Month	Pre-establishment (2010)	Current (2013)
May	276	614
June	470	588
July	286	342

- Avian quarterly report: Causeway Alliance's construction yard / office area is having no impact on roosting birds



# Bird roosts at Causeway Bridge

- Provide alternative roost for birds during construction works near the Causeway Bridge
- Two sites chosen south of Causeway Bridge, in channels
- Install floating pontoons, size approx 3m x 4m
- Monitoring by our avian expert

# Tree assessment and timber use

- Tree assessment and schedule of trees for removal issued to CLG for feedback on 29 July 2013
- STEM (Standard Tree Evaluation Method) assessment by arborist identifies amenity trees (higher value trees)
- When amenity trees cannot be retained they are replaced
- No requests received for timber for 'heritage' use
- Requests for timber use by local schools and Te Atatu Pony Club



# How to find out more


- Community Liaison Group (CLG) meetings
- Freephone 0800 444 449 | Mention “Causeway”
- Causeway News – regular project email updates
- Project website, Google: SH16causeway
- Info about upcoming work: media, advertising
- Separate meetings for site or issue specific details
- Communications and Stakeholder Manager, contact:
  - [elizabeth.collins@sh16causeway.co.nz](mailto:elizabeth.collins@sh16causeway.co.nz)

# Other SH16 Projects – info, contacts, meetings



- Next CLG meeting is **Weds 13 Nov**
- Meeting on proposed environmental mitigation works: **Mon 26 Aug**, 1pm–3pm, at Causeway Alliance’s Te Atatu site office
- Te Atatu Interchange Upgrade Project:
  - [donald.macrae@nzta.govt.nz](mailto:donald.macrae@nzta.govt.nz) | Ph 969 9800
- Proposed Te Atatu Bus Interchange:
  - [nick.seymour@aucklandtransport.govt.nz](mailto:nick.seymour@aucklandtransport.govt.nz) | Ph 355 3553
- Waterview Connection Board of Inquiry, technical reports | consents:
  - <http://www.nzta.govt.nz/projects/wrr/publications-archive-enquiry.html>



 **Causeway Upgrade Project**



# Summary

- Causeway Alliance is committed to working with the community through the CLG
- The Alliance is closely monitoring its works to minimise environmental impacts and community disruption
- Construction in progress along SH16
- Consultation meeting on proposed environmental mitigations on Monday 26 August at 1pm



# Questions | Discussion





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